

SUBSTITUTE ABSTRACT

An umbrella has a shaft anchorable in or on the ground or in the air by an anchor and defining an axis and a canopy movable between an unfolded open position in which it is wavy and a folded position inclined to the axis, made of a preferably nonstretching membrane or fabric, formed of a whole number of polygonal sections with outer corners defining alternating high points and low points, traversed at a center by the shaft, centrally axially slidable along the shaft or centrally fixed on the shaft, and having an outer edge. An array of rods extending radially from and pivoted on the shaft extend in the open unfolded position from the shaft to the corners. These rods are wholly above the canopy and do not pass through the canopy.